

# Criteria 1 - Air Quality Data & Trend

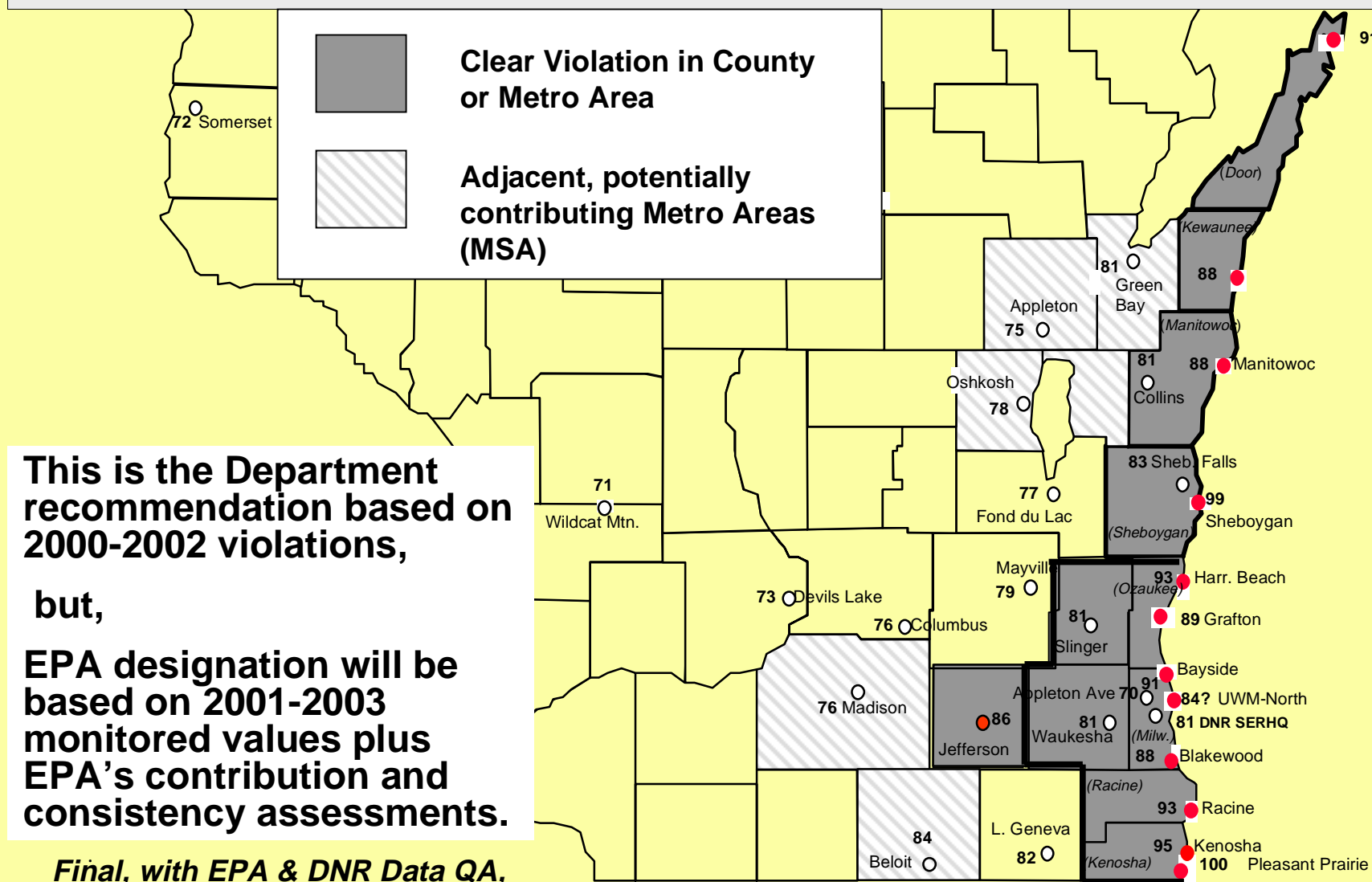
June 17, 2003

The following two maps portray the two key air quality data trends related to 8-hour ozone designation.

The first is the final QA'd map of the existing 2000-2002 three year monitored values by site with an indication of the attainment and nonattainment recommendations these have produced. The recommendation reflects an interpretation of what EPA "default" or base maps look like before consideration of further contribution or area boundary criteria. EPA is maintaining a presumptive guidance to designate metropolitan areas as a whole for the 8-hour ozone standard.

The second map reflects the most current air quality trend for ozone based on the 2001 and 2002 data and identifies the "critical values" for 2003 for the areas surrounding the base identified nonattainment area(s) that would cause a violation status for the monitors. The map has outlined the metropolitan areas so the viewer can understand the areas likely to be designated if the critical values occur during 2003. The areas with only 1 value are expected to be designated nonattainment based on the longer ozone trend in the region. EPA plans to make final designations in light of the full 2003 ozone season for areas with less than full year seasons.

## **2000-2002 Monitored AQ Nonattainment Base - The Department's Recommendation to the Interagency Task Force**



**This is the Department recommendation based on 2000-2002 violations,**

**but,**

**EPA designation will be based on 2001-2003 monitored values plus EPA's contribution and consistency assessments.**

*Final, with EPA & DNR Data QA,  
6/16/03*

# **2001-2002 AQ - The Current Trend by Site** **2000 was a very cool summer with low ozone levels.**

**2001 and 2002 Average Annual 4th  
 Highest Peak Daily Running 8-Hr  
 Ozone Values, and,**

**Critical 2003 4th High Concentration  
 by Monitor.**

*Shaded Sites would automatically violate based on 2-Year  
 Values and if Critical 2003 Value Monitored . 1999  
 Metropolitan areas are identified with bold/highlighted  
 boundaries.*

Key:

**First Value = 2001/2002 Average**

**Second Value = Critical 2003 Value  
 for Key Counties in Question**

